

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20040230804"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/12 23:11
S2	233	((((ic near2 card) or (smart near3 card) or integrat\$4) near4 signatur\$3 near4 key)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/12 23:25
S3	233	((((ic near2 card) or (smart near3 card) or integrat\$4) near4 signatur\$3 near4 key)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/13 20:09
S4	53	S3 and ((chang\$4 or modif \$5) near3 key) and (key near3 signatur\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/13 20:08
S5	62	("4438824"   "4723284"   "4807288"   "4862501"   "4885777"   "4885788"   "4969189"   "5016276"   "5018196"   "5046094"   "5199070").PN. OR ("5396558").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/13 18:51
S6	18	S5 and (chang\$4 near3 key)	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/13 18:52
S7	3	(chang\$4 near3 key).ab. and (((ic near2 card) or (smart near3 card) or integrat\$4) near4 signatur \$3 near4 key) and (key near3 signatur\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/13 20:11
S8	3	(chang\$4 near3 key).ab. and (((ic near2 card) or (smart near3 card) or integrat\$4) near4 signatur \$3 near4 key)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/13 20:11
S9	6	(chang\$4 near3 key).ab. and (((ic near2 card) or (smart near3 card) or integrat\$4) near4 signatur \$3) and (key near3 signatur\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/13 20:31

S10	2	"6363480".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/13 20:30
S11	6	(chang\$4 near3 key).ab. and (((ic near2 card) or (smart near3 card) or integrat\$4) near4 signatur \$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/13 20:31
S12	13	(chang\$4 near3 key).ab. and (((ic near2 card) or (smart near3 card) or integrat\$4) with signatur \$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/13 20:38
S13	192	(chang\$4 near3 key).ab. and (((ic near2 card) or (smart near3 card) or integrat\$4) with key)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/13 20:39
S14	12	(chang\$4 near3 key).ab. and (((ic near2 card) or (smart near3 card) or integrat\$4) with key) and (key near3 signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/13 21:06
S15	8	("4972472"   "5404403"   "5761306"   "5867578"   "6745330"   "6745331"   "6745334").PN. OR ("6782103").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/13 20:42
S16	10	(chang\$4 near3 key).ab. and (((ic near2 card) or (smart near3 card) or integrat\$4) with key) and (((ic near2 card) or (smart near3 card) or integrat\$4) with signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/13 23:17
S17	0	((GOROMARU near3 HIDEKI) or (HIRATA near3 SHINICHI) or (SUZUKI near3 KATSUHIKO) or (YOSHIDA near3 KAZU)). ap. and (NIPPON).as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/20 14:22
S18	0	((GOROMARU near3 HIDEKI) or (HIRATA near3 SHINICHI) or (SUZUKI near3 KATSUHIKO) or (YOSHIDA near3 KAZU)). ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/13 21:14

S19	2	"5499294".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/13 21:21
S20	217	("4453074"   "4670857"   "4879747"   "5005200"   "5027401"   "5185794"   "5321749").PN. OR ("5499294").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/13 21:24
S21	19	S20 and (chang\$4 near key)	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/13 21:32
S22	1	"5384846".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/13 21:28
S23	19	S20 and (chang\$4 near key) and signature	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/13 21:32
S24	10	(chang\$4 near3 key).ab. and (((ic near2 card) or (smart near3 card) or integrat\$4) same key) and (((ic near2 card) or (smart near3 card) or integrat\$4) with signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/13 23:18
S25	14	(chang\$4 near3 key).ab. and (((ic near2 card) or (smart near3 card) or integrat\$4) same key) and (((ic near2 card) or (smart near3 card) or integrat\$4) same signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/13 23:25
S26	17	(chang\$4 near3 key).dlm. and (((ic near2 card) or (smart near3 card) or integrat\$4) same key) and (((ic near2 card) or (smart near3 card) or integrat\$4) same signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/13 23:23
S27	0	jp2002244924\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/13 23:24
S28	0	jp2244924\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/13 23:24
S29	0	jp244924\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/13 23:24

S30	0	jp244924-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/13 23:24
S31	2	jp-2002244924-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/15 12:58
S32	63	(chang\$4 near3 key) and (((ic near2 card) or (smart near3 card) or integrat\$4) near3 key) and (((ic near2 card) or (smart near3 card) or integrat\$4) near3 signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/14 00:06
S33	117	(Sato near3 Hideo).in. and sony.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/14 17:21
S34	15	S33 and signature key	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/14 00:07
S35	6	S34 and (key near4 chang \$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/14 17:21
S36	0	("2004/0019793").URPN.	USPAT	AND	ON	2007/07/14 17:16
S37	3	("4399323"   "5008818"   "5463690").PN. OR ("7225335").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/14 17:17
S38	3	sony.as. and (key near4 chang\$4).ab. and (key and signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/14 17:23
S39	5	sony.as. and (key near4 chang\$4).clm. and (key and signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/14 17:24
S40	0	sony.as. and (key near4 chang\$4) and (((ic near2 card) or (smart near3 card) or integrat\$4) near4 signatur\$3 near4 key)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/14 17:25

S41	31	sony.as. and (key near4 chang\$4) and (((ic near2 card) or (smart near3 card) or integrat\$4) and signatur\$3 and key)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/15 00:18
S42	7	sony.as. and (key near4 chang\$4) and (((ic near2 card) or (smart near3 card) or integrat\$4) same signatur\$3) and (((ic near2 card) or (smart near3 card) or integrat\$4) same key)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/15 00:33
S43	16	(key near4 chang\$4).ab. and (((ic near2 card) or (smart near3 card) or integrat\$4) same signatur\$3) and (((ic near2 card) or (smart near3 card) or integrat\$4) same key)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/18 12:31
S44	2	JP-2004015598-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/18 14:58
S45	17	(key near4 chang\$4) and (((ic near2 card) or (smart near3 card) or integrat\$4) same signatur\$3).ab. and (((ic near2 card) or (smart near3 card) or integrat\$4) same key)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/15 00:45
S46	431	(key near4 chang\$4) and (((ic near2 card) or (smart near3 card) or integrat\$4) same signatur\$3) and (((ic near2 card) or (smart near3 card) or integrat\$4) same key)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/15 00:45
S47	68	(key near4 chang\$4) and (((ic near2 card) or (smart near3 card) or integrat\$4) near3 signatur\$3) and (((ic near2 card) or (smart near3 card) or integrat\$4) near3 key)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/15 09:45
S48	11	(5396558 6038551 6782103 5384846 7225335 5446796).pn.	USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/20 16:39

S49	1	"20040162980"	USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/15 12:31
S50	2	"20040162980"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/15 12:55
S51	0	jp-200124887-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/18 12:10
S52	0	jp-124887-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/15 12:56
S53	0	jp-0124887-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/15 12:56
S54	0	jp-200124887-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/15 12:58
S55	2	"20040076292"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/15 13:06
S56	1	jp-3782038-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/18 12:10
S57	20	(INADA near3 TATSU).in. and (FUJI or XEROX).as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/18 12:33
S58	2	"20050033843"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/18 14:58

S59	0	((GOROMARU near3 HI DEKI) or (HI RATA near3 SHINICHI) or (SUZUKI near3 KATSUHIKO) or (YOSHIDA near3 KAZU)). ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/20 14:22
S60	849	((GOROMARU near3 HI DEKI) or (HI RATA near3 SHINICHI) or (SUZUKI near3 KATSUHIKO) or (YOSHIDA near3 KAZU)). in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/20 14:23
S61	7	S60 and (ic near3 card) and (signature and key)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/20 14:42
S62	12	S60 and (signature and key)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/20 14:43
S63	0	S60 and (chang\$4 near3 key)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/20 14:43
S64	0	S60 and ((chang\$4 or modif\$4) near4 key)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/20 14:44
S65	427	nippon.as. and ((chang\$4 or modif\$4) near4 key)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/20 15:13
S66	175	nippon.as. and ((chang\$4 or modif\$4) near4 key).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/20 14:44
S67	0	S66 and (((ic near card) or (smart near4 card)) near4 key) and (((ic near card) or (smart near4 card)) near4 signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/20 14:46
S68	0	S66 and (((ic near card) or (smart near4 card)) same key) and (((ic near card) or (smart near4 card)) near4 signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/20 15:14

S69	1	S66 and (((ic near card) or (smart near4 card)) same key) and (((ic near card) or (smart near4 card)) same signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/20 14:48
S70	1	S66 and (((ic near card) or (smart near4 card)) same signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/20 14:48
S71	9	S66 and ((ic near card) or (smart near4 card))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/20 14:48
S72	39999	((chang\$4 or modif\$4) near4 key)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/20 15:15
S73	82	S72 and (((ic near card) or (smart near4 card)) near4 key) and (((ic near card) or (smart near4 card)) near4 signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/20 15:16
S74	8183	((chang\$4 or modif\$4) near4 key).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/20 15:15
S75	4	S74 and (((ic near card) or (smart near4 card)) near4 key) and (((ic near card) or (smart near4 card)) near4 signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/20 15:21
S76	15	S74 and (((ic near card) or (smart near4 card)) same key) and (((ic near card) or (smart near4 card)) same signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/20 16:41
S77	1	JP10031626	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/20 16:40
S78	108	((KAWAKITA near3 TATSUJIRO) or (KITAJIMA near3 KENJI)).in. and nippon.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/20 16:41



S79	34	S78 and ((ic near card) or (smart near4 card))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/20 16:43
S80	1	S79 and (chang\$4 same key)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/20 16:42
S81	2	"20040230804"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/24 11:24
S82	0	((chang\$4 or convert\$4 or vary\$4 or modif\$4 or alter \$4 or replac\$4) near3 key near3 (new or second) near4 signature).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/24 11:29
S83	0	((chang\$4 or convert\$4 or vary\$4 or modif\$4 or alter \$4 or replac\$4) near3 key near3 (new or second or special) near4 signature).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/24 11:30
S84	5	((chang\$4 or convert\$4 or vary\$4 or modif\$4 or alter \$4 or replac\$4) near3 key near3 (new or second or special) near4 signature).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/24 11:35
S85	65	((chang\$4 or convert\$4 or vary\$4 or modif\$4 or alter \$4 or replac\$4) near3 key near3 (new or second or special) near4 signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/24 11:35
S86	60	S85 and (chang\$4 and key and digital and signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/24 11:36
S87	2	S85 and (chang\$4 and key and digital and signature).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/24 11:57
S88	3	S85 and (chang\$4 and key and signature).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/24 11:58

S89	65	((chang\$4 or convert\$4 or vary\$4 or modif\$4 or alter\$4 or replac\$4) near3 key near3 (new or second or special) near4 signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/24 12:28
S90	3	S89 and (chang\$4 and key and signature).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/24 12:15
S91	7	(chang\$4 and key and digital signature).ab. (ic near3 card)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/24 12:03
S92	19	(AKI or AKIRA or AKASHI or WAKAO).in. and canon. as. and (chang\$4 and key and digital and signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/24 12:10
S93	2	(AKI or AKIRA or AKASHI or WAKAO).in. and canon. as. and (chang\$4 and key and digital and signature). clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/24 12:13
S94	2	"5875249".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/24 12:13
S95	4	S89 and ((chang\$4 or convert\$4 or vary\$4 or modif\$4 or alter\$4 or replac\$4) and key and signature).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/24 12:19
S96	580	((chang\$4 or convert\$4 or vary\$4 or modif\$4 or alter\$4 or replac\$4) and key and signature).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/24 12:20
S97	218	((chang\$4 or convert\$4 or vary\$4 or modif\$4 or alter\$4 or replac\$4) and key and (digital near4 signature)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/24 12:20
S98	48	((chang\$4 or convert\$4 or vary\$4 or modif\$4 or alter\$4 or replac\$4) and key and (digital near4 signature)).ab. and ("713"/\$.ccls. or "380"/\$.ccls. or "726"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/24 12:29

S99	4	((chang\$4 or convert\$4 or vary\$4 or modif\$4 or alter \$4 or replac\$4) and key and (digital near4 signature)).ab. and ("713"/\$.ccls. or "380"/\$.ccls. or "726"/\$.ccls.) and (ic near3 card)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/24 12:28
S100	48	((chang\$4 or convert\$4 or vary\$4 or modif\$4 or alter \$4 or replac\$4) and key and (digital near4 signature)).ab. and ("713"/\$.ccls. or "380"/\$.ccls. or "726"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/24 14:02
S101	27	(chang\$4 near3 key).ab. and ((digital near3 signature) same key) and ("713"/\$.ccls. or "380"/\$.ccls. or "726"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/24 14:39
S102	1	(chang\$4 near3 key near3 digital near3 signature).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/24 14:40
S103	4	(chang\$4 near3 key near3 digital near3 signature). bsum.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/24 14:41
S104	22	(chang\$4 near3 key near3 digital near3 signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/24 15:38
S105	1929	(hirata or akashika).in. and nippon.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/24 15:30
S106	6	(hirata or akashika).in. and nippon.as. and (signature and (ic near3 card) and key)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/25 11:01
S107	109	((chang\$4 or new) near3 key near3 digital near3 signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/24 16:39

S108	7	((chang\$4 or new) near3 key near3 digital near3 signature).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/24 15:45
S109	14	S107 and ((chang\$4 or new) same key same digital same signature).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/25 09:59
S110	22	((chang\$4 or new) near3 key near3 digital near3 signature) and (ic near4 card)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/25 10:01
S111	2	"7058804".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/25 09:54
S112	3	(6463155 7234060 6978017).pn. and ((chang\$4 or new) same key same digital same signature).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/25 10:00
S113	0	(6463155 7234060 6978017).pn. and ((chang\$4 or new) same key same digital same signature same goal).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/25 10:00
S114	0	(6463155 7234060 6978017).pn. and ((chang\$4 or new) same key same digital same signature).ab. and ((chang\$4 or new) near3 key near3 digital near3 signature) and (ic near4 card)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/25 10:02
S115	3	(6463155 7234060 6978017).pn. and ((chang\$4 or new) same key same digital same signature).ab. and ((chang\$4 or new) near3 key near3 digital near3 signature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/25 10:02
S116	1	(6463155 7234060 6978017).pn. and ((chang\$4 or new) same key same digital same signature).ab. and ((chang\$4 or new) near3 key near3 digital near3 signature) and card	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/25 10:03

S117	1	(6463155 7234060 6978017).pn. and ((chang\$4 or new) same key same digital same signature).ab. and ((chang\$4 or new) near3 key near3 digital near3 signature) and card (signature and key and (new or chang\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/25 10:13
S118	3	(6463155 7234060 6978017).pn. and ((chang\$4 or new) same key same digital same signature).ab. and ((chang\$4 or new) near3 key near3 digital near3 signature) and (signature and key and (new or chang\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/25 10:14
S119	2	(6463155 7234060 6978017).pn. and ((chang\$4 or new) same key same digital same signature).ab. and ((chang\$4 or new) near3 key near3 digital near3 signature) and (signature and key and (new or chang\$4))	USPAT	AND	ON	2008/01/25 10:20
S120	0	"20030002679" and ((chang\$4 or new) same key same digital same signature).ab. and ((chang\$4 or new) near3 key near3 digital near3 signature) and (signature and key and (new or chang\$4))	US-PGPUB	AND	ON	2008/01/25 10:20
S121	0	"20030002679" and ((chang\$4 or new) same key same digital same signature).ab. and (signature and key and (new or chang\$4))	US-PGPUB	AND	ON	2008/01/25 10:20
S122	1	"20030002679" and ((chang\$4 or new) near3 key near3 digital near3 signature) and (signature and key and (new or chang\$4))	US-PGPUB	AND	ON	2008/01/25 10:22
S123	1	"20030002679" and ((chang\$4 or new) near3 key near3 digital near3 signature)	US-PGPUB	AND	ON	2008/01/25 10:22

S124	1	"6463155".pn. and ((chang\$4 or new) near3 key near3 digital near3 signature)	USPAT	AND	ON	2008/01/25 10:22
S125	11	(hirata or akashika).in. and nippon.as. and (signature and key)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/25 13:29
S126	2	"7296161".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/25 13:30
S127	5	(20040059936 20050091497)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/01/25 13:30
S128	1903	(key near3 chang\$4) and ((digital near3 signature) same key)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/08/04 11:45
S129	78	(key near3 chang\$4 near3 (instruction or command)) and ((digital near3 signature) same key)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/08/04 11:46
S130	69	(key near3 chang\$4 near3 (instruction or command)) and ((digital near3 signature) near4 key)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/08/04 11:46
S131	3	(key near3 chang\$4 near3 (instruction or command)).ab. and ((digital near3 signature) near4 key)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/08/04 11:46
S132	69	(key near3 chang\$4 near3 (instruction or command)) and ((digital near3 signature) near4 key)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/08/04 11:47
S133	69	(key near3 chang\$4 near3 (instruction or command)) and ((digital near3 signature) near4 key)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/08/04 11:48

S134	4	(key near3 chang\$4 near3 (instruction or command)) and ((digital near3 signature) near4 key).ab.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/08/04 11:48
S135	10	(key near3 chang\$4 near3 card) and ((digital near3 signature) near4 key) and (key near3 (integrat\$4 or ic or chip or smart) near4 card)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/08/04 12:00

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